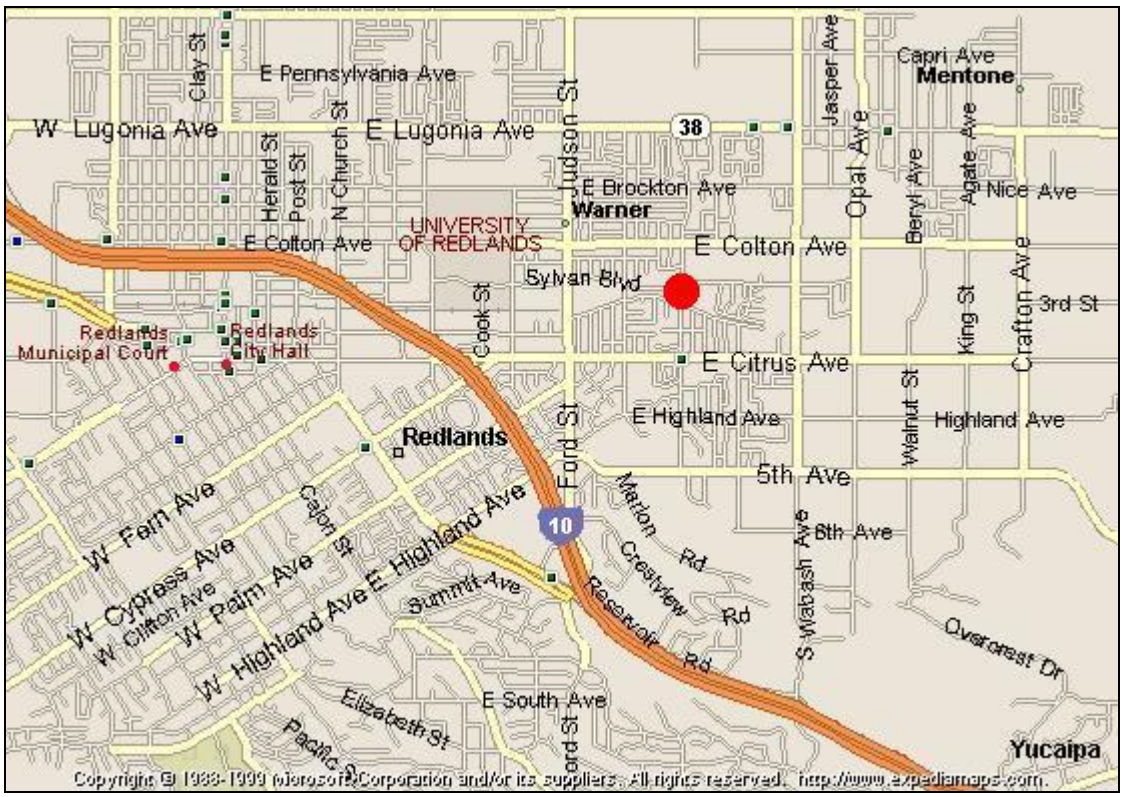
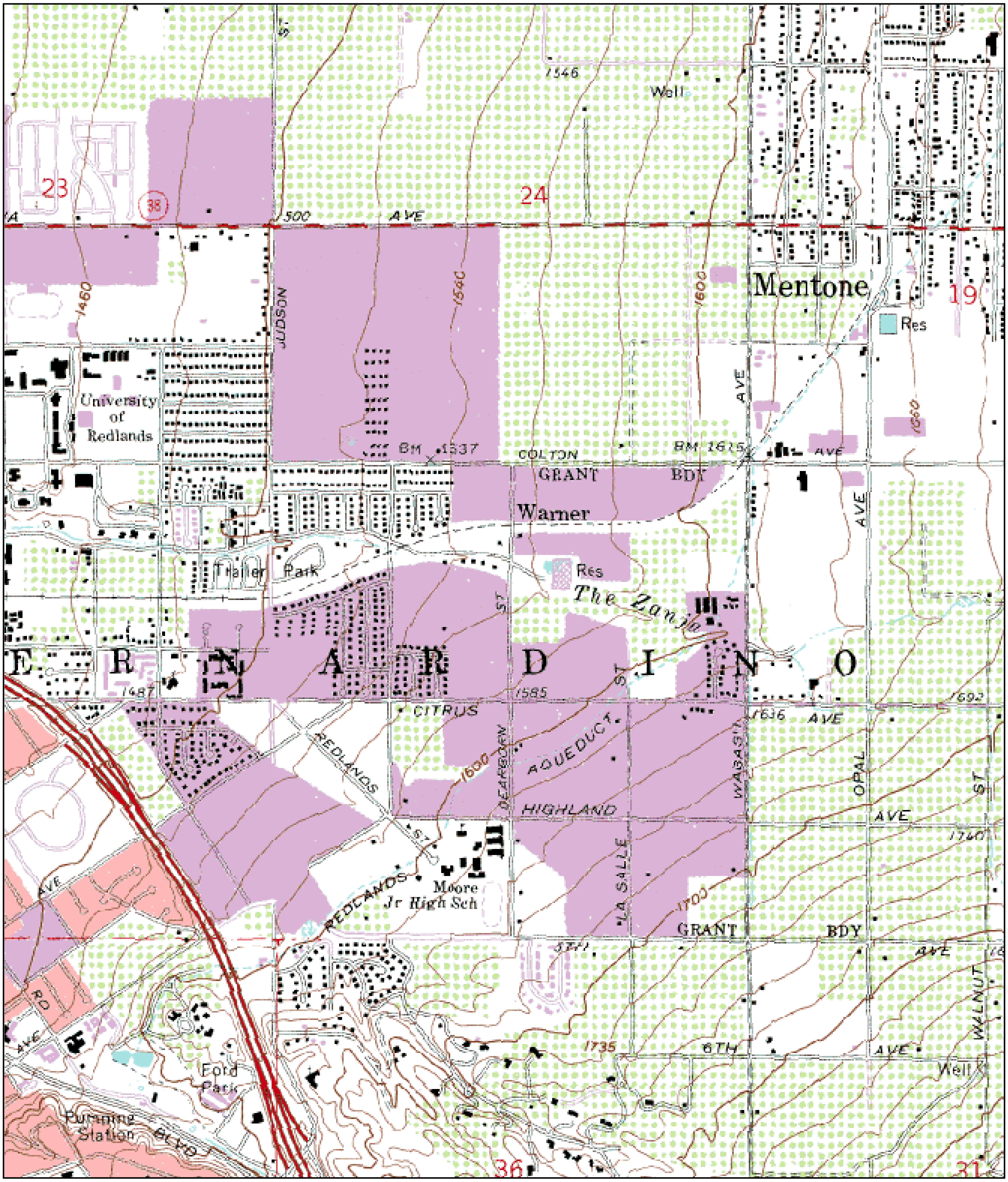
South Coast AQMD
Site Survey Report for Redlands

Last updated: May 10, 2021



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060714003	36204	09/1986	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
500 N. Dearborn Street Redlands, CA 92374	San Bernardino	South Coast	34° 03' 35"N	117° 08' 50"W	475


23
24
19
36
31
38
500 AVE
1546
Well
Mentone
Res
1460
JUDSON
1540
1600
1650
AVE
University
of
Redlands
BM 1537
COLTON
BM 1615
AVE
GRANT
BDY
AVE
Warner
Trailer Park
Res
The Zanja
ST
E R N A R D I N O
1487
1585
1692
CITRUS
1636 AVE
REDLANDS
1600
DEARBORN
AQUEDUCT
ST
WABASH
OPAL
ST
HIGHLAND
AVE
1760
ST
LA SALLE
Moore
Jr High Sch
REDLANDS
1700
GRANT
BDY
AVE
5TH
AVE
RD
AVE
1735
6TH
AVE
WALNUT
Well
Ford
Park
Pumping
Station
BLVD

Detailed Site Information

Local site name	Redlands
AQS ID	060714003
GPS coordinates (decimal degrees)	Latitude: 34° 03’ 35” Longitude: 117° 08’ 50”
Street Address	500 N. Dearborn Street, Redlands, CA 92374
County	San Bernardino
Distance to roadways (meters)	26
Traffic count (AADT, year)	10 / 2012
Groundcover (e.g. asphalt, dirt, sand)	Dirt
Representative statistical area name (i.e. MSA, CBSA, other)	40140-Riverside-San Bernardino-Ontario, CA MSA

Pollutant, POC	Ozone, 1	PM10, 1	WS & D, 1/1	RH/T, 1
Primary / QA Collocated / Other	N/A	Primary	N/A	N/A
Parameter code	44201	81102	61101/61102	62201/62101
Basic monitoring objective(s)	NAAQS	NAAQS	NAAQS	NAAQS
Site type(s)	Population Exposure	Population Exposure	Meteorological	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	API/Teledyne 400E	Sierra Andersen 1200 SSI	RM Young 05305V	Rotronic HC2-S3
Method code	087	063	065/065	063/063
FRM/FEM/ARM/ other	FEM	FRM	N/A	N/A
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	South Coast AQMD	N/A	N/A
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g. micro, neighborhood)	Neighborhood	Neighborhood	Neighborhood	Neighborhood
Monitoring start date (MM/DD/YYYY)	09/01/1986	09/01/1986	09/1986	09/1986
Current sampling frequency (e.g.1:3, continuous)	1:1	1:6	Continuous	Continuous
Calculated sampling frequency (e.g. 1:3/1:1)	N/A	1:6	1:1	1:1
Sampling season (MM/DD-MM/DD)	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
Probe height (meters)	5.0	2.6	10	9.0
Distance from supporting structure (meters)	2.0	1.6	10	9.0
Distance from obstructions on roof (meters)	N/A	N/A	N/A	N/A

Distance from obstructions not on roof (meters)	N/A	N/A	N/A	N/A
Distance from trees (meters)	N/A	N/A	15	15
Distance to furnace or incinerator flue (meters)	N/A	N/A	N/A	N/A
Distance between collocated monitors (meters)	N/A	N/A	N/A	N/A
Unrestricted airflow (degrees)	360°	360°	360°	360°
Probe material for reactive gases (e.g. Pyrex, stainless steel, Teflon)	Teflon	Teflon	N/A	N/A
Residence time for reactive gases (seconds)	8.8	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	Monthly	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	N/A	N/A	N/A	N/A
Frequency of one-point QC check for gaseous instruments	Nightly	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	10/22/2020	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	N/A	08/27/2020 The first of two semi-annual flow rate audits were not completed due to COVID-19.	N/A	N/A

Redlands
Site Photos

Looking North from the probe.

Looking East from the probe.

Looking South from the probe.

Looking West from the probe.

Redlands
Site Photos (Cont.)

Looking at the probe from the North.

Looking at the probe from the East.

Looking at the probe from the South.

Looking at the probe from the West.